'Cleaning in Place'
Enzyme based detergent series products

SUPER IMPROVED
NEW TECHNOLOGY
LIQUEFIES DRIED INK IN SECONDS

AB Clean

Custom chemical technology - The best just got better

AB CLEAN
the next generation in custom designed automatic cleaning to work with Ecochem's Automated Cleaning System

EcoCHEM™
"Natural Cleaning Solutions"
www.ecochem.com.au

BIOCLEAN - YOUR ANILOX'S ARE ALWAYS CLEAN. A COMPLETE TOTALLY AUTOMATED SOLUTION FOR YOUR PLANT

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AB Clean

Custom chemical technology - The best just got better

A next generation Ecochem customised automatic cleaner for the water based printing industry is here. Ecochem gives you another breakthrough in cleaning technology.

The 'BioClean' Automatic System has been recognised as an astounding success in the printing industry. New AB CLEAN is cutting edge new chemical technology now with a unique, breakthrough blend of safe, water based solvents and specially designed enzymes to liquefy dried ink rapidly without any corrosive effect on equipment.
Increases your savings in production and maintenance costs.

Used exclusively with Ecochem's automatic cleaning system, AB CLEAN's cutting edge technology improves cleaning performance and reduces solids in waste water at even greater dilution rates, bringing more savings in production and maintenance costs.

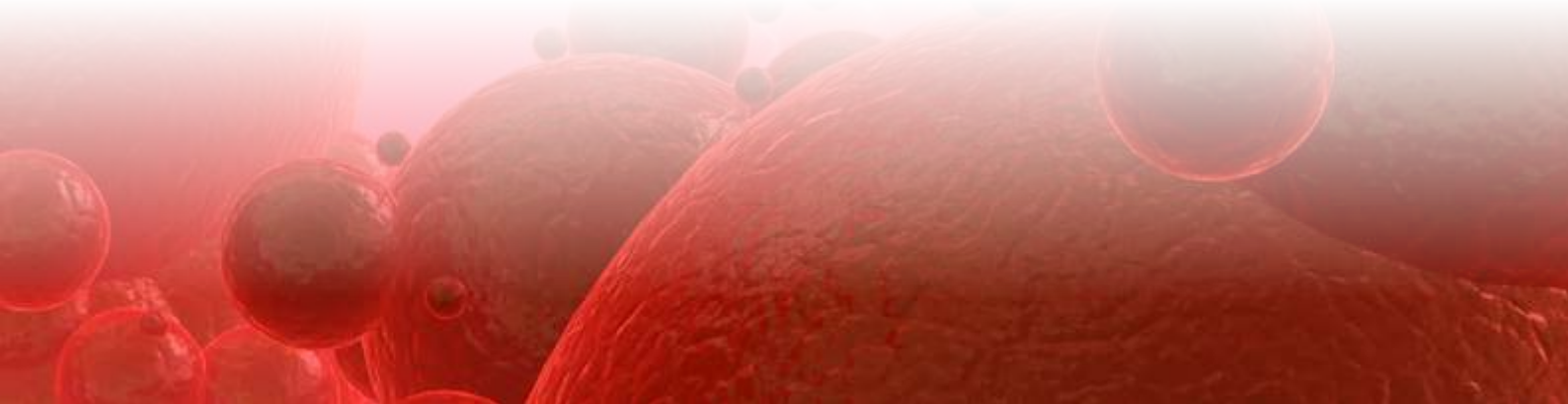
New AB Clean can be used to safely and quickly remove ink off all surfaces in your plant.
Non-corrosive non-hazardous.

AB CLEAN delivers:

- Unique blend of special enzymes
- Breakthrough solvent technology
- Dissolves dried ink even faster than before
- Reduced surfactant levels
- Greater dilution rates
- Increased production capability
- Greater maintenance savings
- Increased operator effectiveness
- Easier and quicker plate cleaning
- Reduced solid content in waste water
- Better waste water compliance
- Increased pride in machine care
- Non-corrosive and non-hazardous

WHY ENZYMES?

Enzymes are biological molecule catalysts that act on molecules like starch. They don't get used up in each reaction and can work in the right conditions until all the ink and starch is broken apart and dissolved. Enzymes are a part of nature and are fully biodegradable.



Using the Ecochem System

The patented Ecochem System pulls AB CLEAN concentrate from a 1000lt/264-gallon tote, dilutes and delivers it directly to every print station.

The system is designed to inject **AB CLEAN** into the ink lines. It is simple to install and easy to maintain and use. It uses a special electronic control to deliver **AB CLEAN** to the anilox rolls and ink systems. This program reduces the time required for wash-ups to as little as 2-4 minutes.

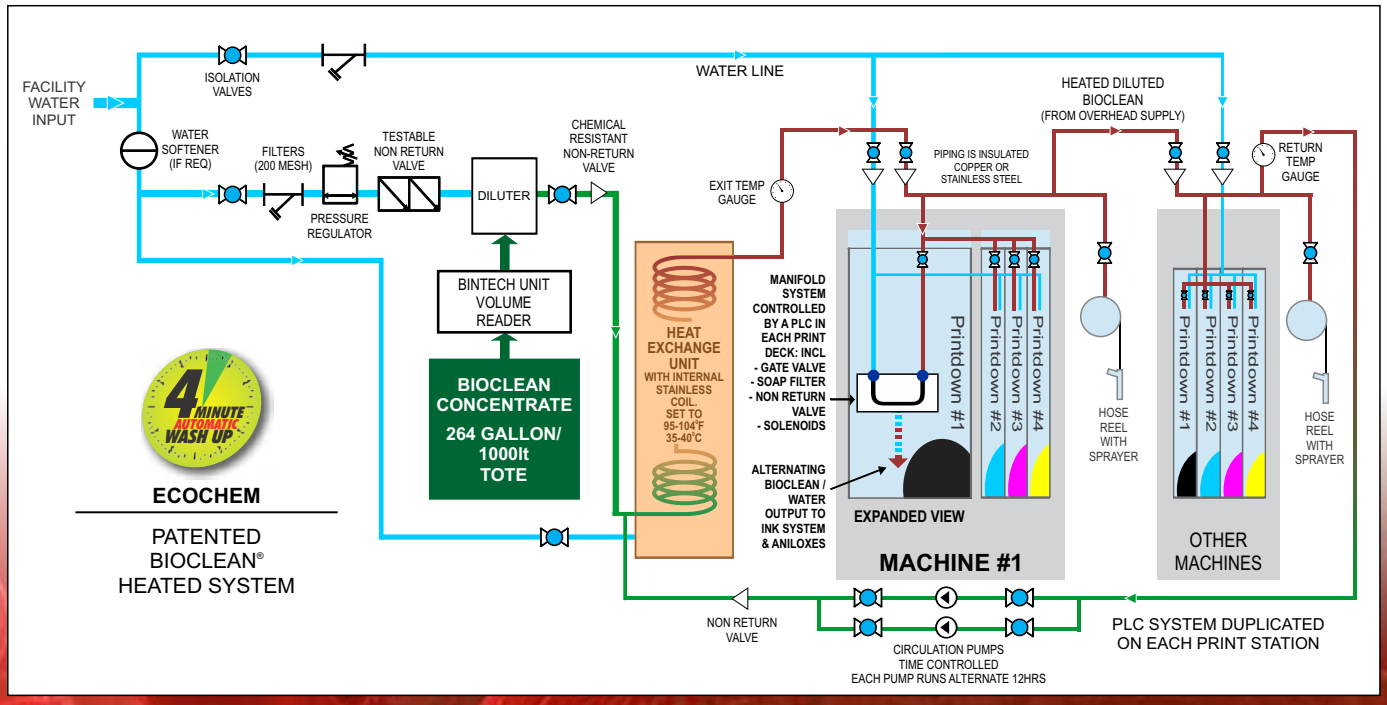
AB CLEAN is automatically diluted 1:33-1:40 and delivered to each converter for an electronically controlled cleaning and water rinse cycle.

A FOAM GUN is also mounted at each converter for manual use, allowing **AB CLEAN** foam diluted to 1:33-1:40 to be applied to surfaces for the removal of ink, allowing good contact time while preventing atomisation and splash back. This gives the operators the power to clean print plates, ink trays and the machine body itself before leftover ink becomes a problem.
At this dilution rate the product is **completely non-hazardous**.

The Components of the system are:

- Facility water supply
- Bintech Usage Reporter
- Diluting unit
- PLC with programmed 2, 4 and 6 minute wash cycles
- Switching manifold
- Plumbing directly to machines
- Foamer / sprayer
- Heat Exchange Unit

The regular use of the Ecochem System turns back the clock on ink system wear and tear. Instead of slowing down the rate at which dried ink builds up in the system, AB CLEAN washes away old ink from anilox rolls, ink lines, pumps and supporting equipment.



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AB Clean

Gain an extra 30+ minutes production a day

- Centralized automatic cleaning system for all converting lines
- Automation eliminates chemical cleaning Health & Safety issues
- Tidy, simple and automatic
- Reduced manual labour for Anilox Roll Cleaning
- Increased production time with less breakdowns
- Superior printing
- Product formulation will not corrode doctor blades or blister anilox rolls or damage rubber rolls and seals on bearings
- Reduction in the use of ink and water
- System uses approx half manual cleaning wash-up
- Concentrated AB CLEAN comes in a 264gal/1000 lt tote and makes 10,560gal/40,000 litres of wash up
- Significant direct and indirect cost savings

2-4 Minute Wash Cycle

Take our Challenge…

Take any two-color Flexo or Rotary Die Cutter in your plant …

Install just one Ecochem Automatic System

Let us prove it is the best investment in anilox cleaning you ever made … or your money back !*

*You will need to provide hoses, water filter, check valve and a few other plumbing items, plus shut-off valve for drum installation. Conditions apply, please contact us to discuss your requirements.

Contact us now for more information and a convincing on-site demonstration

ECOCHEM™
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ISO 9001 Certified Equal Assurance
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